

REMARKS

With the above amendments, the title has been amended in conformance with the title on the Declaration filed with the application.

In addition, an Abstract has been added to the application in compliance with 37 C.F.R. 1.72(b).

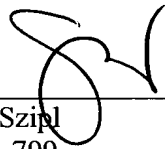
Claims 3 and 4 have been amended to delete the multiple dependencies. In addition, new claims 7-16 have been added. New claim 7 set forth the subject matter of claim 3 but depends on claim 2. New claims 8-10 set forth the subject matter of claim 4 but depend on claims 2, 3 and 7, respectively. New claims 11-13 set forth the subject matter of claim 5 but depend on claims 2, 3 and 7, respectively. Likewise, new claims 14-16 set forth the subject matter of claim 6 but depend on claims 2, 3 and 7, respectively.

A marked-up version showing the changes made to the claims is attached for the convenience of the Examiner. No new matter has been added.

In view of the above, it is believed that the application is now in good condition for examination, and the Examiner's early consideration is respectfully requested. Questions are welcomed by the below-signed attorney for applicants.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Claims:

1. A method for the production of heterologous proteinaceous substances in plant material, characterized in that protonema moss tissue is used as plant material and that the proteinaceous substances produced are obtained from the culture medium without disrupting the producing tissues or cells.
2. The method according to claim 1, characterized in that the proteinaceous substance released into the culture medium is biologically active.
3. The method according to claim 1 ~~or 2~~, characterized in that a culture medium is used which is free from sugars, vitamins and phytohormones or functional fragments thereof.
4. The method according to ~~any of claims 1 to 3~~ claim 1, characterized in that the moss tissue is selected from the group of the mosses including liverworts.
5. The method according to claim 4, characterized in that the moss tissue is selected from mosses of the group consisting of *Physcomitrella*, *Funaria*, *Sphagnum* and *Ceratodon*.
6. The method according to claim 4, characterized in that the moss tissue is selected from liverworts of the group consisting of *Marchantia* and *Sphaerocarpos*.

New claims 7-16 have been added.